1 OF 2 PATENTS 6,269,128

<=2> GET 1st DRAWING SHEET OF 6

July 31, 2001

Clock recovery control in differential detection

CORE TERMS: clock, width, corrective, phase, variance, symbol, differential, counter, detector, digital...

LEXIS-NEXIS
Library: PATENT
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بواريك فيرا

2 OF 2 PATENTS 5,867,542

<=2> GET 1st DRAWING SHEET OF 61

Feb. 2, 1999

Clock phase detecting circuit and clock regenerating circuit each arranged in receiving unit of multiplex radio equipment

CORE TERMS: clock, identification, conversion, phase, converter, inclination, detect, oscillating, orthogonal, input...

5,867,542 OR 5867542



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5,867,542 OR 5867542



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LEVEL - 1 OF 1 STORY

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## CHEMICAL BUSINESS NEWSBASE

February 1, 2000

LENGTH: 239 words

HEADLINE: PRESS RELEASE: Sotralentz buys European reconditioners

... West Industrial Estate, Peterlee, Co Durham SR8 2HR, UK. Tel: 0191 586

0577. Fax: 0191 5867542.

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1/39/1
. DIALOG(R) File 345: Inpadoc/Fam. & Legal Stat
  (c) 2001 EPO. All rts. reserv.
 13196336
 Basic Patent (No, Kind, Date): EP 732829 A2 19960918
                                                     <No. of Patents: 004>
 Patent Family:
                                  Applic No
                  Kind Date
                                              Kind Date
     Patent No
                     A2 19960918
                                     EP 95118303
                                                         19951121
                                                                  (BASIC)
     EP 732829
                                                   Α
     EP 732829
                     Α3
                         19990915
                                     EP 95118303
                                                    Α
                                                         19951121
                                     JP 9559377
     JP 8256188
                     A2
                         19961001
                                                    Α
                                                         19950317
                                     US 552543
                                                   Α
                                                         19951103
     US 5867542
                     Α
                         19990202
 Priority Data (No, Kind, Date):
     JP 9559377 A 19950317
 PATENT FAMILY:
 EUROPEAN PATENT OFFICE (EP)
   Patent (No, Kind, Date): EP 732829 A2 19960918
     CLOCK PHASE DETECTING CIRCUIT AND CLOCK REGENERATING CIRCUIT EACH
       ARRANGED IN RECEIVING UNIT OF MULTIPLEX RADIO EQUIPMENT Clock phase
       detecting circuit and clock regenerating circuit each arranged in
       receiving unit of multiplex radio equipment (English; French; German)
     Patent Assignee: FUJITSU LTD (JP)
     Author (Inventor): IWAMATSU TAKANORI (JP); KIYANAGI HIROYUKI
     Priority (No, Kind, Date): JP 9559377 A 19950317
     Applic (No, Kind, Date): EP 95118303 A 19951121
     Designated States: (National) DE; GB; IT
     IPC: * H04L-007/02
     Derwent WPI Acc No: * G 96-414781; G 96-414781
     Language of Document: English
   Patent (No, Kind, Date): EP 732829 A3 19990915
     CLOCK PHASE DETECTING CIRCUIT AND CLOCK REGENERATING CIRCUIT EACH
        ARRANGED IN RECEIVING UNIT OF MULTIPLEX RADIO EQUIPMENT (English;
       French; German)
     Patent Assignee: FUJITSU LTD (JP)
     Author (Inventor): IWAMATSU TAKANORI (JP); KIYANAGI HIROYUKI (JP)
     Priority (No, Kind, Date): JP 9559377 A
                                             19950317
     Applic (No, Kind, Date): EP 95118303 A
                                              19951121
     Designated States: (National) DE; GB; IT
     IPC: * H04L-007/02
     Derwent WPI Acc No: * G 96-414781
     Language of Document: English
 EUROPEAN PATENT OFFICE (EP)
   Legal Status (No, Type, Date, Code, Text):
                         19950317 EP AA
                                                PRIORITY (PATENT
     EP 732829
                     Р
                               APPLICATION) (PRIORITAET (PATENTANMELDUNG))
                               JP 9559377 A
                                             19950317
     EP 732829
                         19951121 EP AE
                                                EP-APPLICATION
                               (EUROPAEISCHE ANMELDUNG)
                               EP 95118303 A 19951121
                         19960918 EP AK
                                                DESIGNATED CONTRACTING
     EP 732829
                     Р
                               STATES IN AN APPLICATION WITHOUT SEARCH
                               REPORT: (IN EINER ANMELDUNG OHNE
                               RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN)
                               DE GB IT
     EP 732829
                         19960918 EP A2
                                                PUBLICATION OF APPLICATION
                               WITHOUT SEARCH REPORT (VEROEFFENTLICHUNG DER
                               ANMELDUNG OHNE RECHERCHENBERICHT)
     EP 732829
                     Ρ
                         19961127
                                  EP RIN1
                                                INVENTOR (CORRECTION)
                               (ERFINDER (KORR.))
                               IWAMATSU, TAKANORI, C/O FUJITSU LIMITED;
                               KIYANAGI, HIROYUKI, C/O FUJITSU TOHOKU
     EP 732829
                         19990915 EP AK
                                                DESIGNATED CONTRACTING
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STATES IN A SEARCH REPORT: N EINEM RECHERCHENBERICHT BENANNTE VERTRAGSSTAATEN) DE GB IT

DE GB IT EP 732829 P · 19990915 EP A3

15 EP A3 SEPARATE PUBLICATION OF THE SEARCH REPORT (ART. 93) (GESONDERTE

VEROEFFENTLICHUNG DES RECHERCHENBERICHTS

(ART. 93))

EP 732829

9 19991103 EP 17P REQUEST FOR EXAMINATION FILED (PRUEFUNGSANTRAG GESTELLT)

19990906

JAPAN (JP)

Patent (No, Kind, Date): JP 8256188 A2 19961001

CLOCK PHASE DETECTION CIRCUIT AND CLOCK REPRODUCING CIRCUIT PROVIDED IN

RECEPTION PART OF MULTIPLE RADIO EQUIPMENT (English)

Patent Assignee: FUJITSU LTD

Author (Inventor): IWAMATSU TAKANORI; ONIYANAGI HIROYUKI

Priority (No, Kind, Date): JP 9559377 A 19950317 Applic (No, Kind, Date): JP 9559377 A 19950317 IPC: \* H04L-027/22; H04L-007/00; H04L-027/38

Derwent WPI Acc No: \* G 96-414781 Language of Document: Japanese

UNITED STATES OF AMERICA (US)

Patent (No, Kind, Date): US 5867542 A 19990202

CLOCK PHASE DETECTING CIRCUIT AND CLOCK REGENERATING CIRCUIT EACH ARRANGED IN RECEIVING UNIT OF MULTIPLEX RADIO EQUIPMENT (English)

Patent Assignee: FUJITSU LTD (JP)

Author (Inventor): IWAMATSU TAKANORI (JP); KIYANAGI HIROYUKI (JP)

Priority (No, Kind, Date): JP 9559377 A 19950317 Applic (No, Kind, Date): US 552543 A 19951103

National Class: \* 375354000; 375326000; 375332000; 375344000;

329304000

IPC: \* H04L-007/02; H04L-027/22 Derwent WPI Acc No: \* G 96-414781

Language of Document: English

UNITED STATES OF AMERICA (US)

Legal Status (No, Type, Date, Code, Text):

US 5867542 P 19950317 US AA PRIORITY (PATENT)

JP 9559377 A 19950317

US 5867542 P 19951103 US AE APPLICATION DATA (PATENT)

(APPL. DATA (PATENT))
US 552543 A 19951103

US 5867542 P 19951103 US ASO2 ASSIGNMENT OF ASSIGNOR'S

INTEREST

FUJUTSU LIMITED 1015 KAMIKODANAKA,

NAKAHARA-KU, KAWASAKI-SHI KANAGAWA, JAPAN ;

IWAMATSU, TAKANORI : 19950821; KIYANAGI,

HIROYUKI: 19950818

US 5867542 P 19990202 US A PATENT